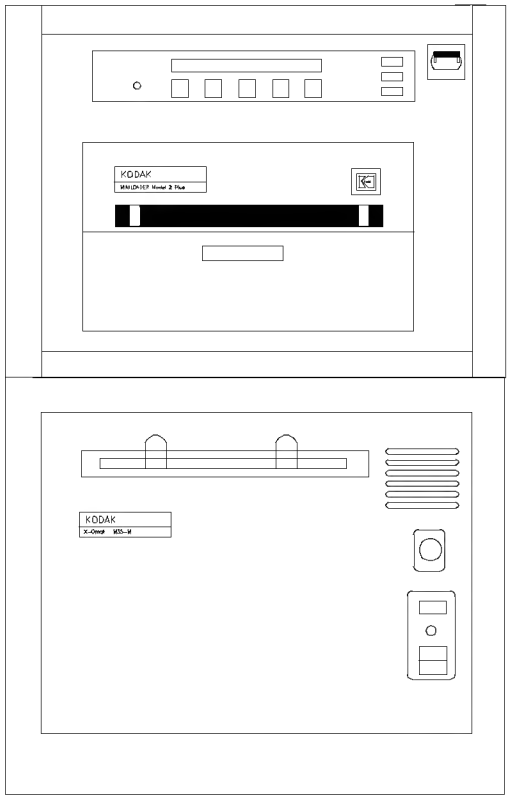
Publication No. WD 3420
Issue Number 2
March 1995

DIAGRAM PACKAGE

for the

Kodak MINILOADER 2 PLUS LOW VOLTAGE



Use this Publication for:-
MINILOADER 2 Plus Low Voltage Model Stand-alone (SV code 3419), MINILOADER 2 Plus Low Voltage Model M35-M (SV code 3420) and MINILOADER 2 Plus Low Voltage Model 480RA (SV code 3421).

HEALTH SCIENCES DIVISION

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CAUTION

This equipment includes parts and assemblies sensitive to damage from electrostatic discharge. Use caution to prevent damage during all service procedures.

PLEASE NOTE

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CONTENTS

	PAGE
PNEUMATIC DIAGRAM	5
PCB INTERCONNECTIONS	6
AC POWER DIAGRAM	7
DC POWER SUPPLY	8
MICROSWITCH AND HUMIDIFIER INPUTS	9
ENCODER INPUTS	10
PHOTOCELLS FC7 & FC7A (STAND-ALONE ONLY)	10
PHOTOCELL INPUTS - FC1 to FC14	11
PHOTOCELL INPUTS - FC15 to FC22	12
CPU, RAM AND WATCHDOG	13
DRIVERS, 1 of 2	14
DRIVERS, 2 of 2	15
MAGAZINE CARRIAGE & CAM MOTORS	16
CONVEYOR, ENTRY & CASSETTE GUIDE MOTORS	17
8 X 10 ENDSTOP, TILT & FAN MOTORS	18
SOLENOID VALVES	19

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	PAGE
PUMPS AND STANDBY OVERRIDE	20
DIPSWITCH, DECODER AND 232 CIRCUIT	21
DISPLAY AND OPERATOR CONTROLS	22
KEYPAD AND LED'S	23
PCB 401 LAYOUT	24
PCB 207 LAYOUT	25
PCB 502, 404 & 205 LAYOUTS	26
PCB 403 LAYOUT	27
PUBLICATION CHANGE TABLE	29

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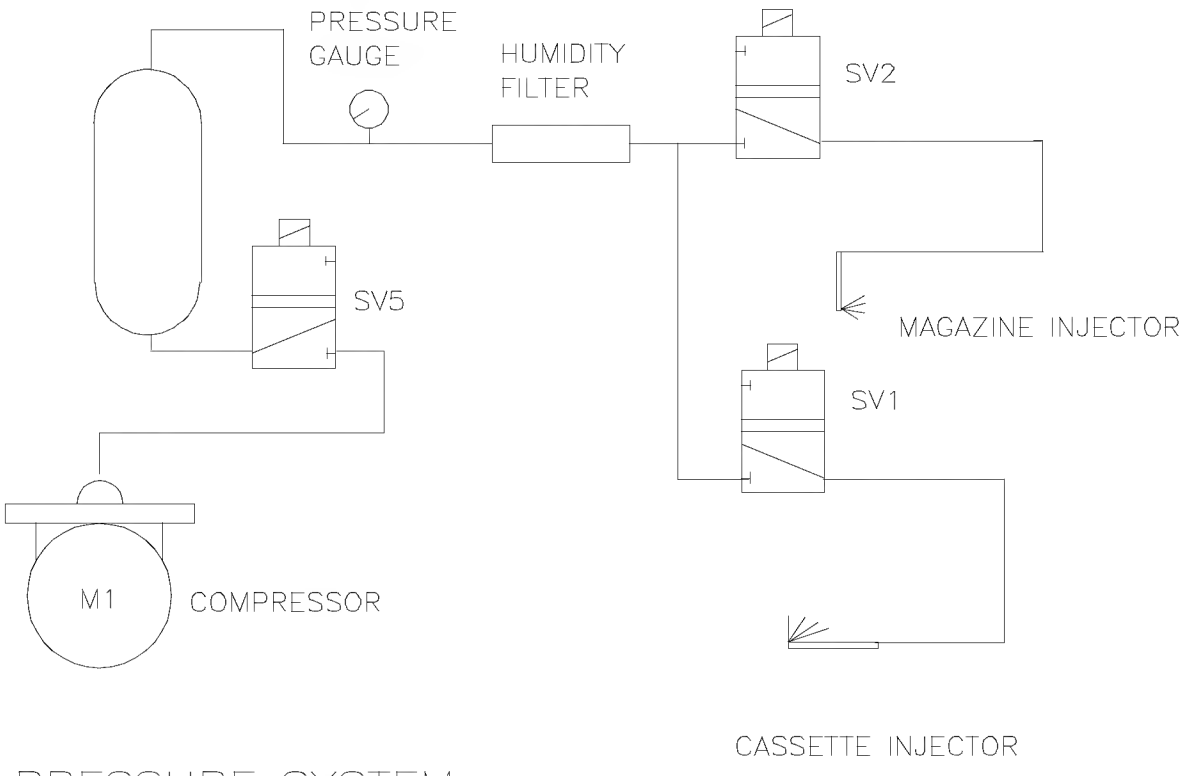
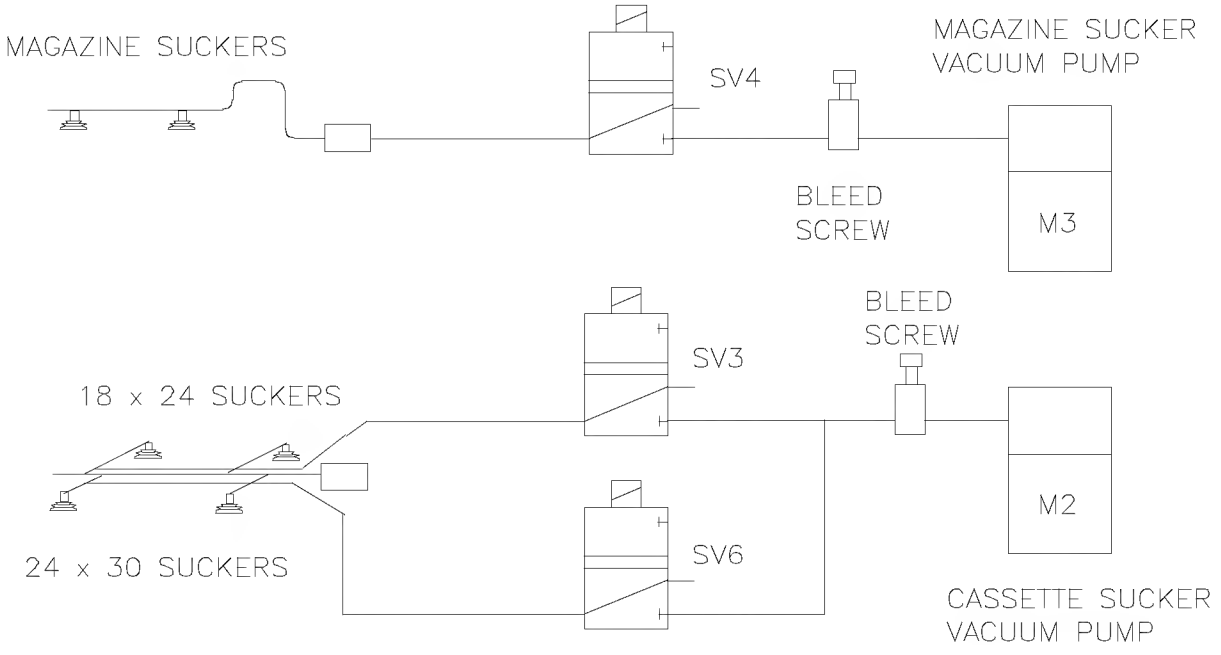
PNEUMATIC DIAGRAM

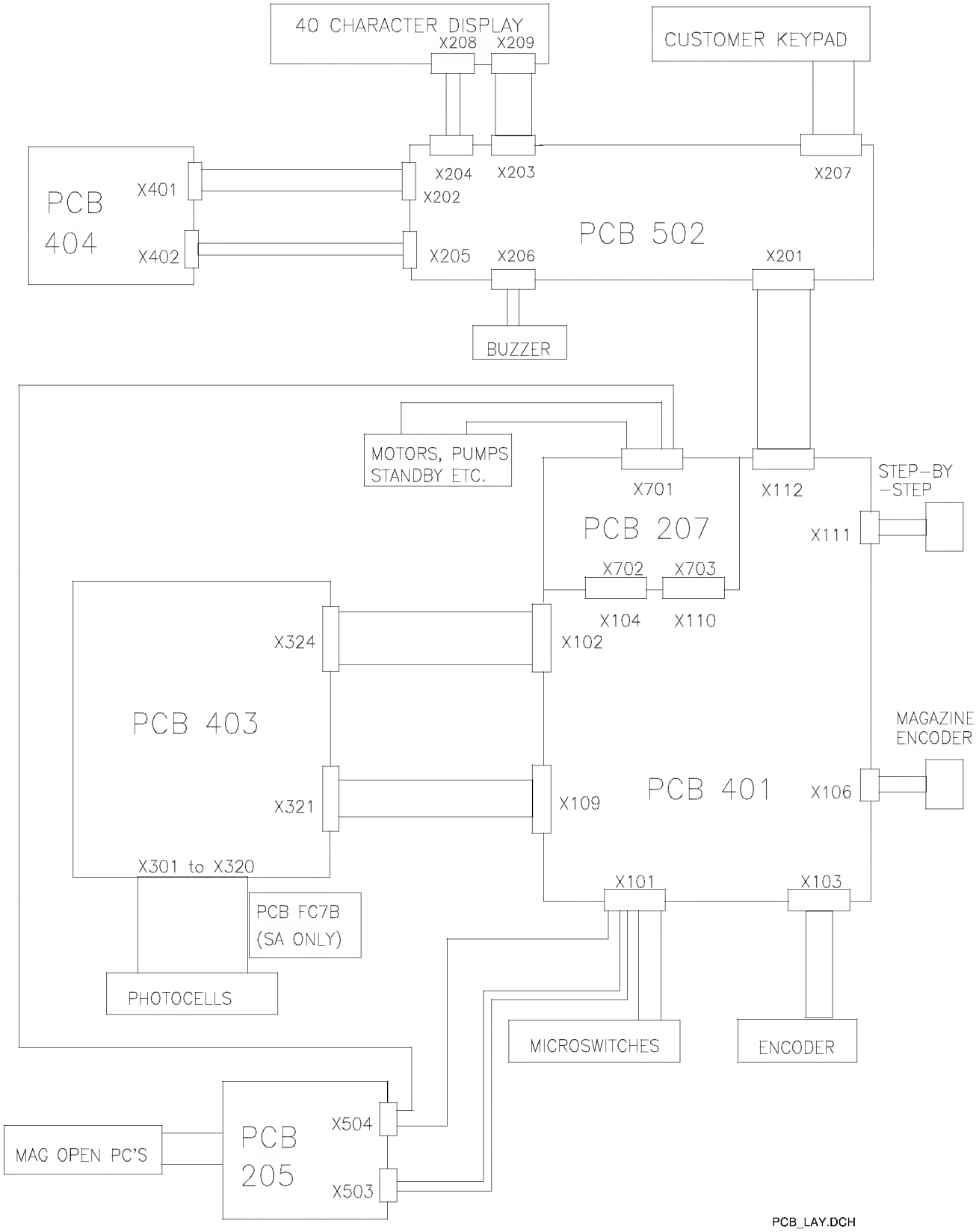


PRESSURE SYSTEM

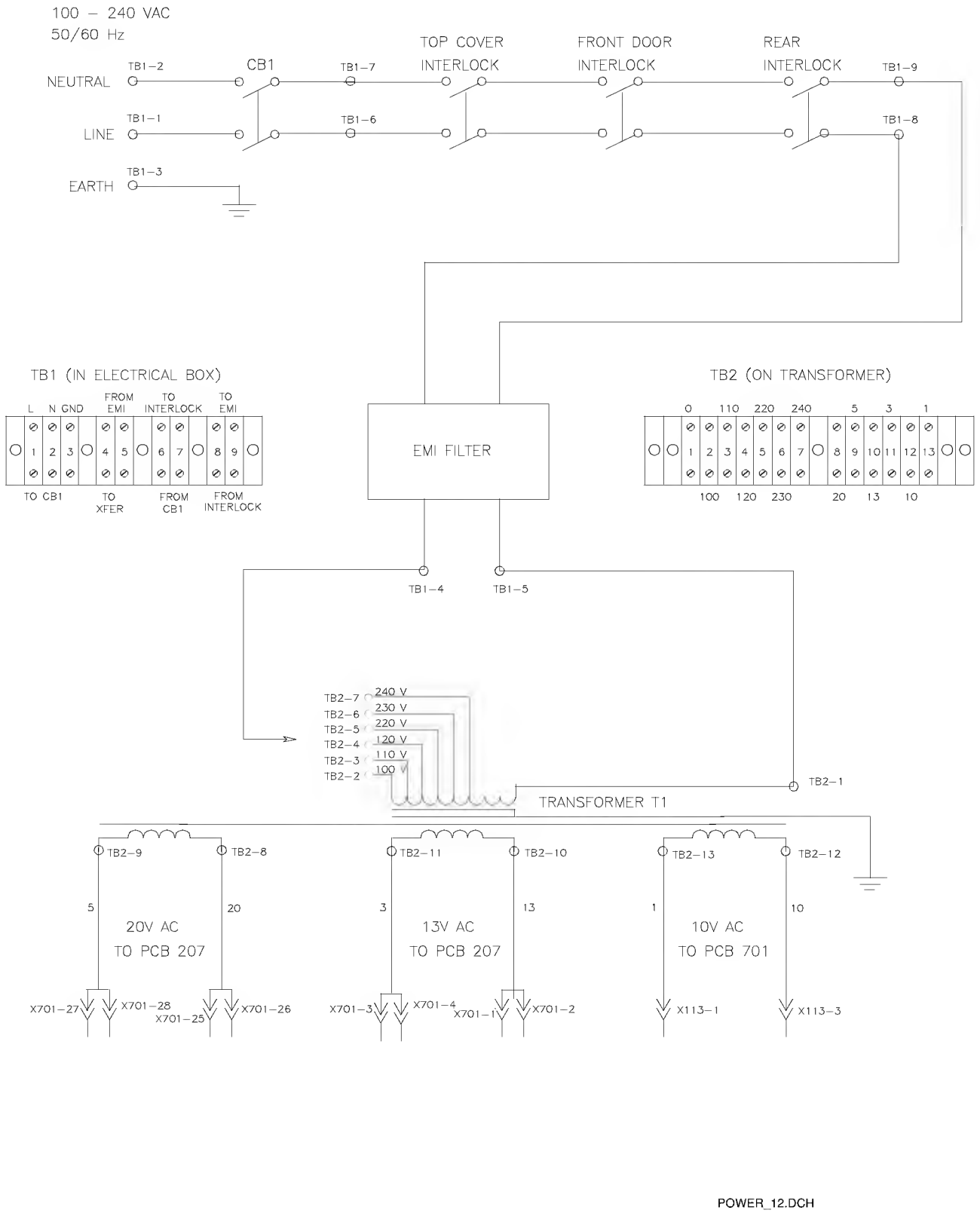


VACUUM SYSTEM

PCB INTERCONNECTIONS

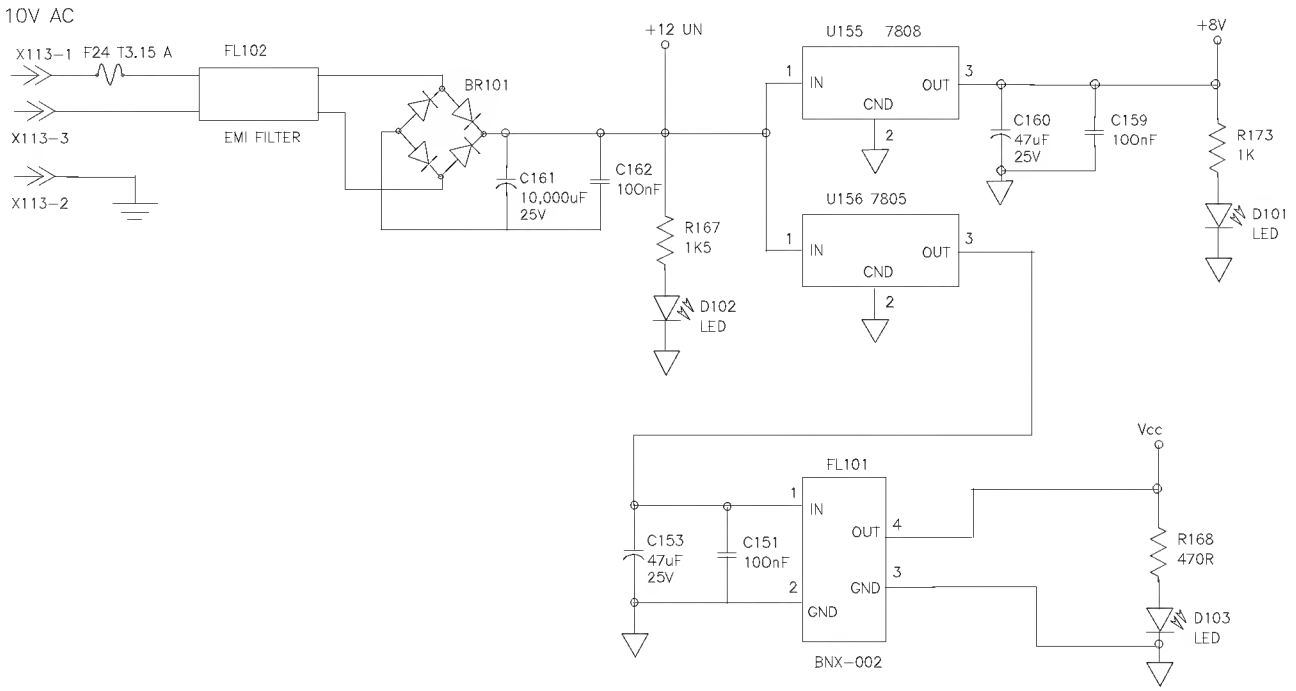


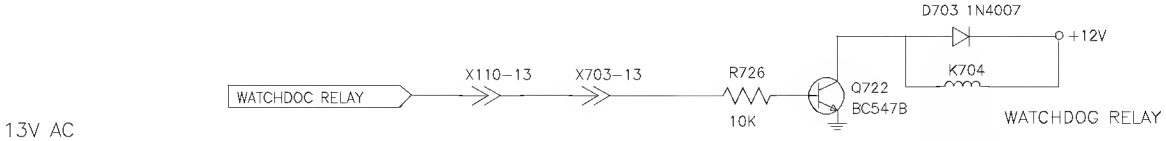
AC POWER DIAGRAM

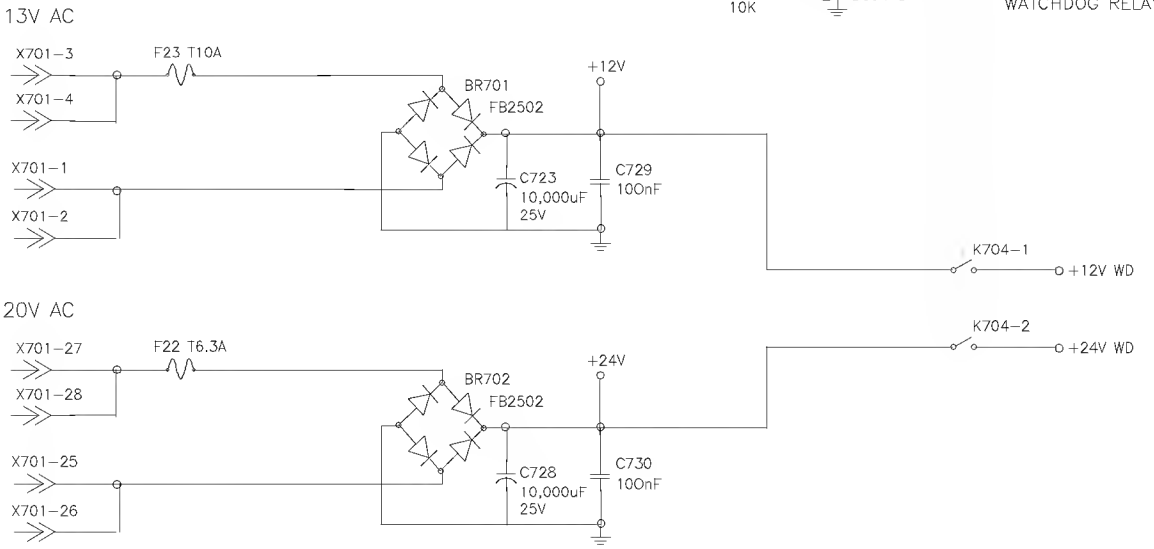


POWER_12.DCH

DC POWER SUPPLY

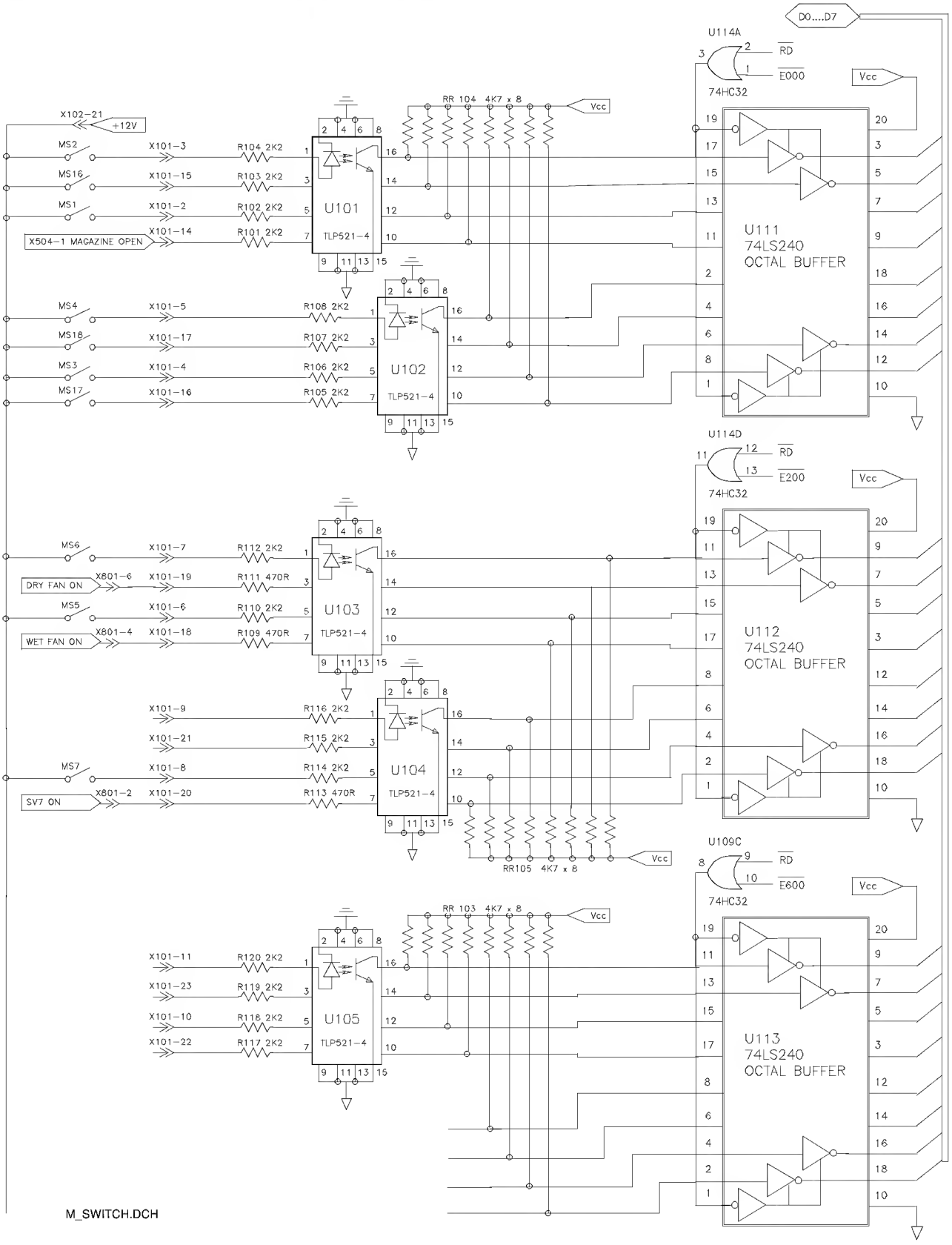




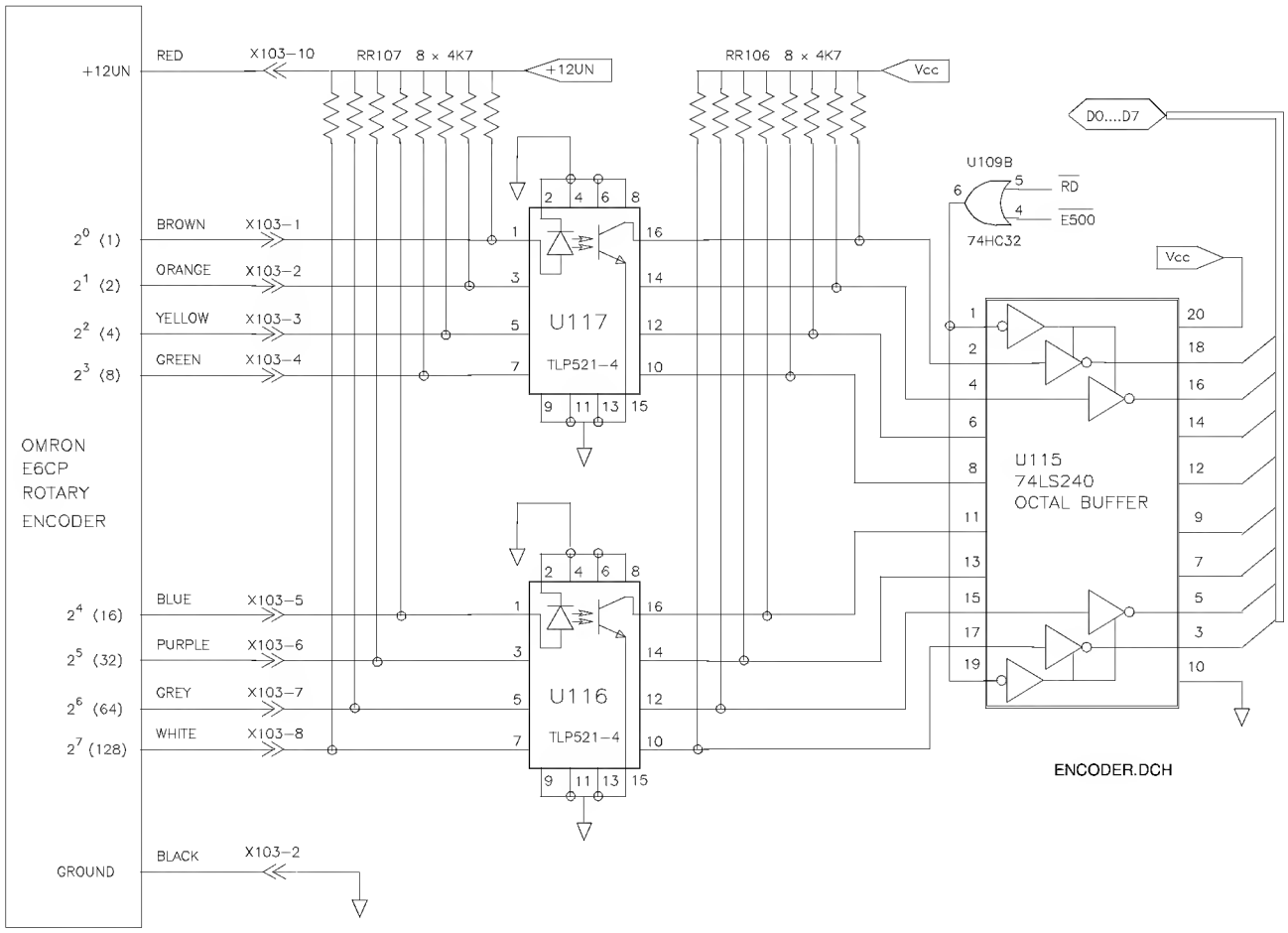


PSU_12.DCH

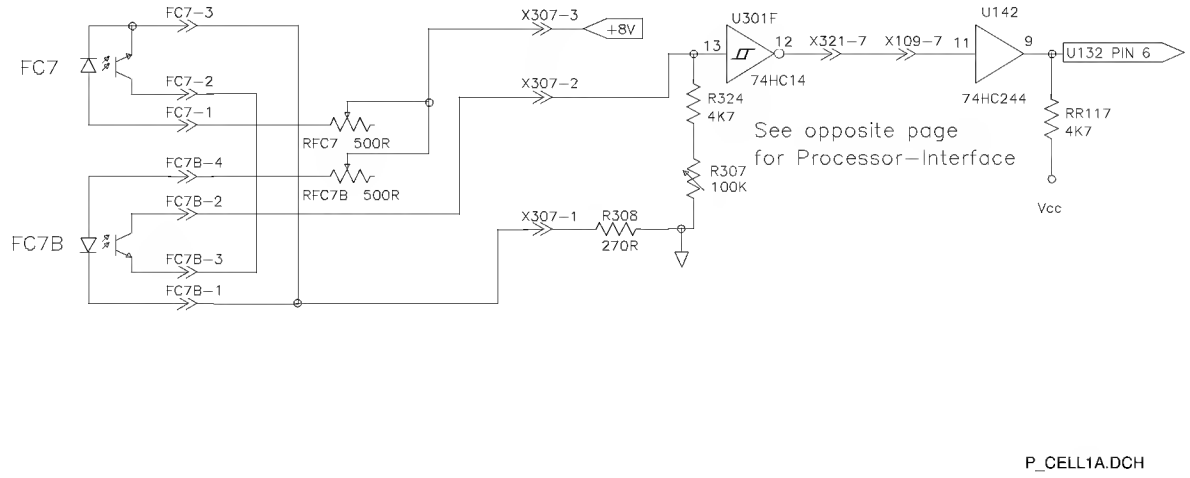
MICROSWITCH AND HUMIDIFIER INPUTS



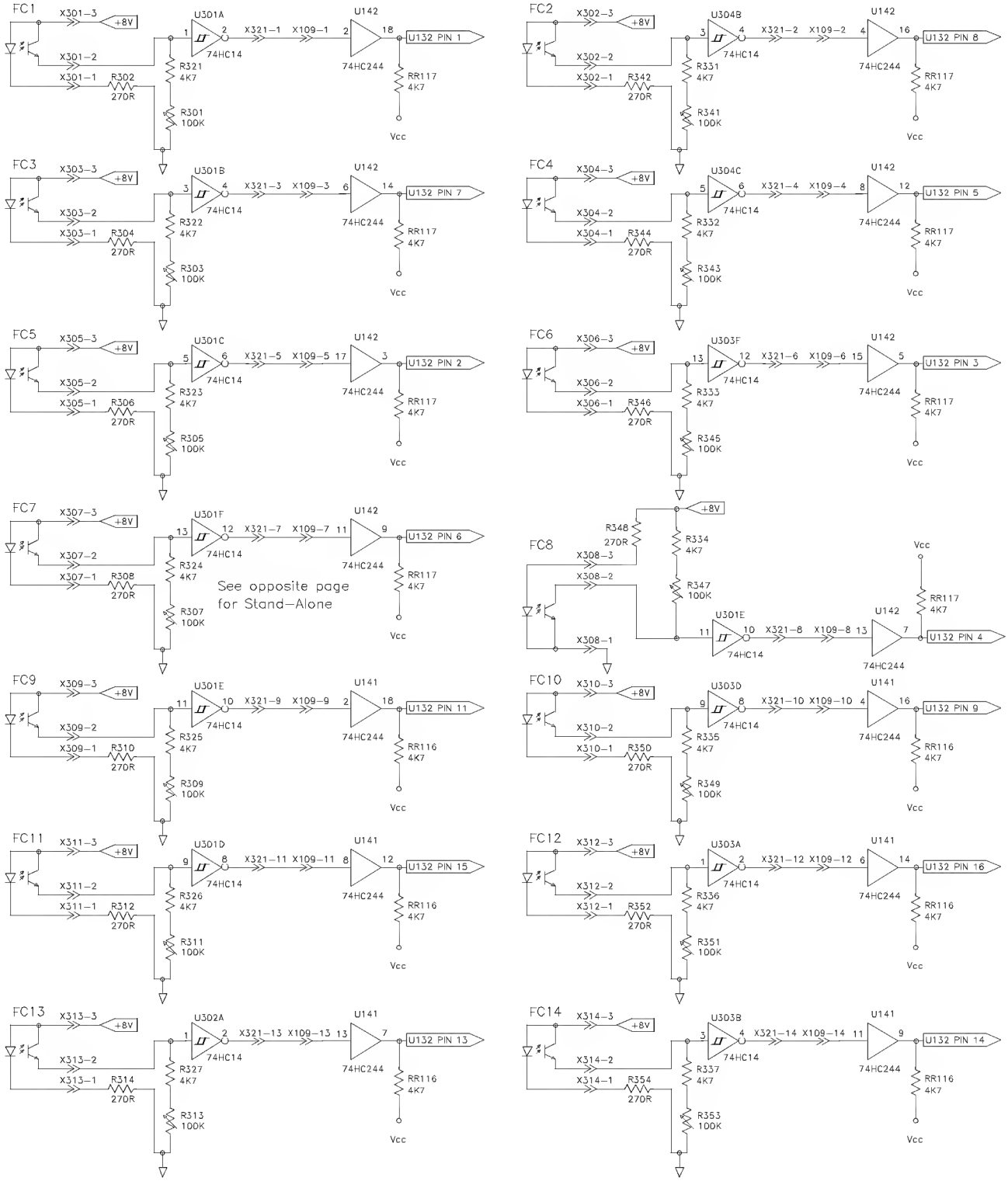
ENCODER INPUTS



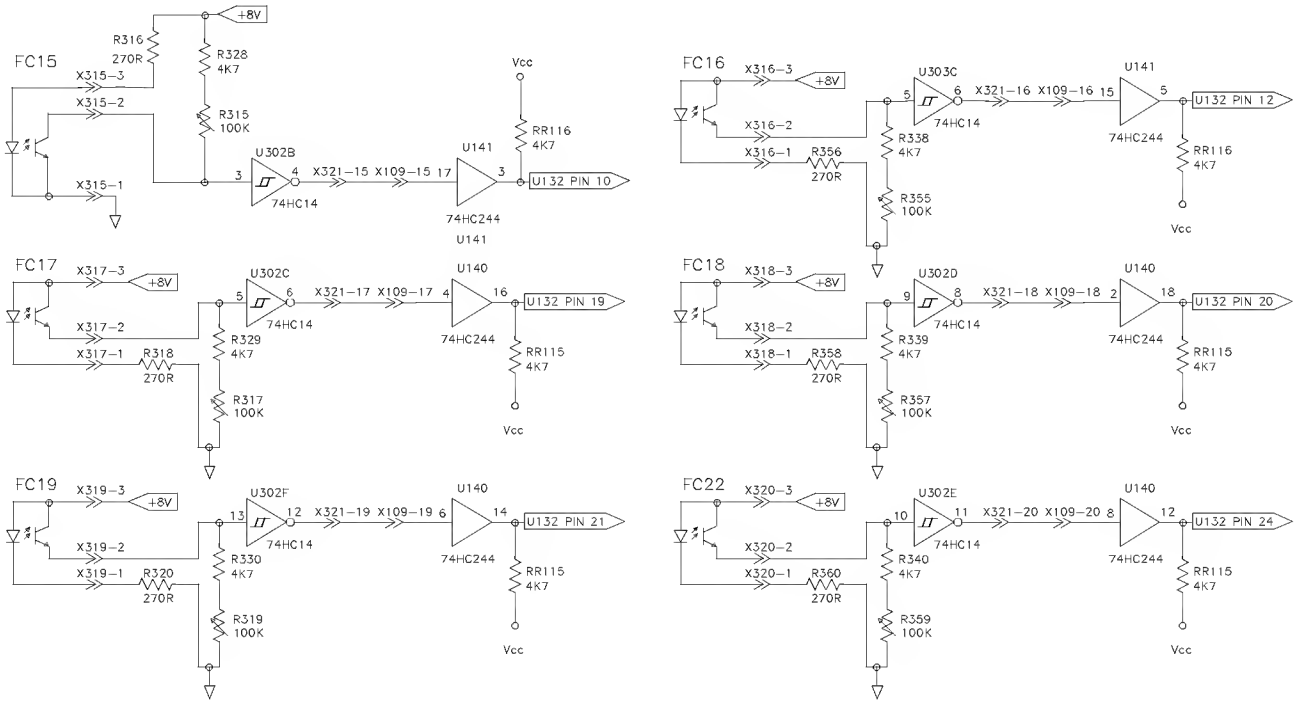
PHOTOCELLS FC7 & FC7A (STAND-ALONE ONLY)



PHOTOCELLS FC1 TO FC14

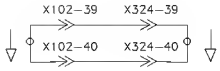


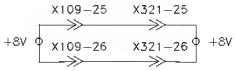
PHOTOCELLS FC15 TO FC22



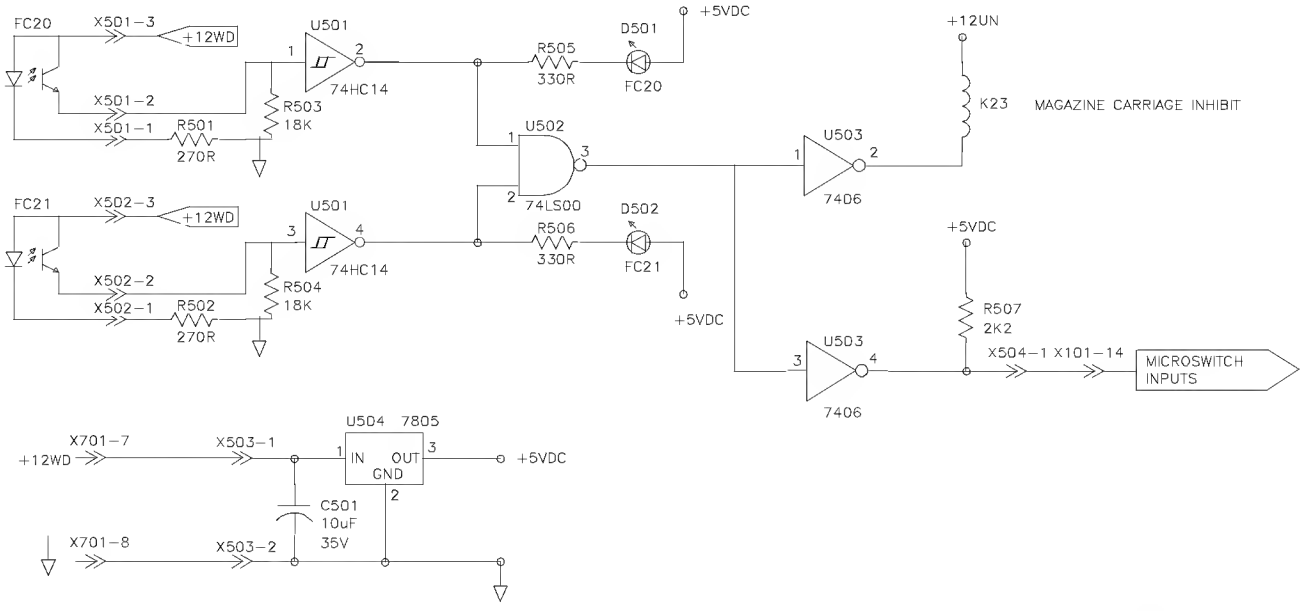
U301, 302, 303 & 304 PIN 14 Vcc, PIN 7 GROUND

PINS 1 & 19 OF U141 & 142 ARE CONNECTED TO GROUND



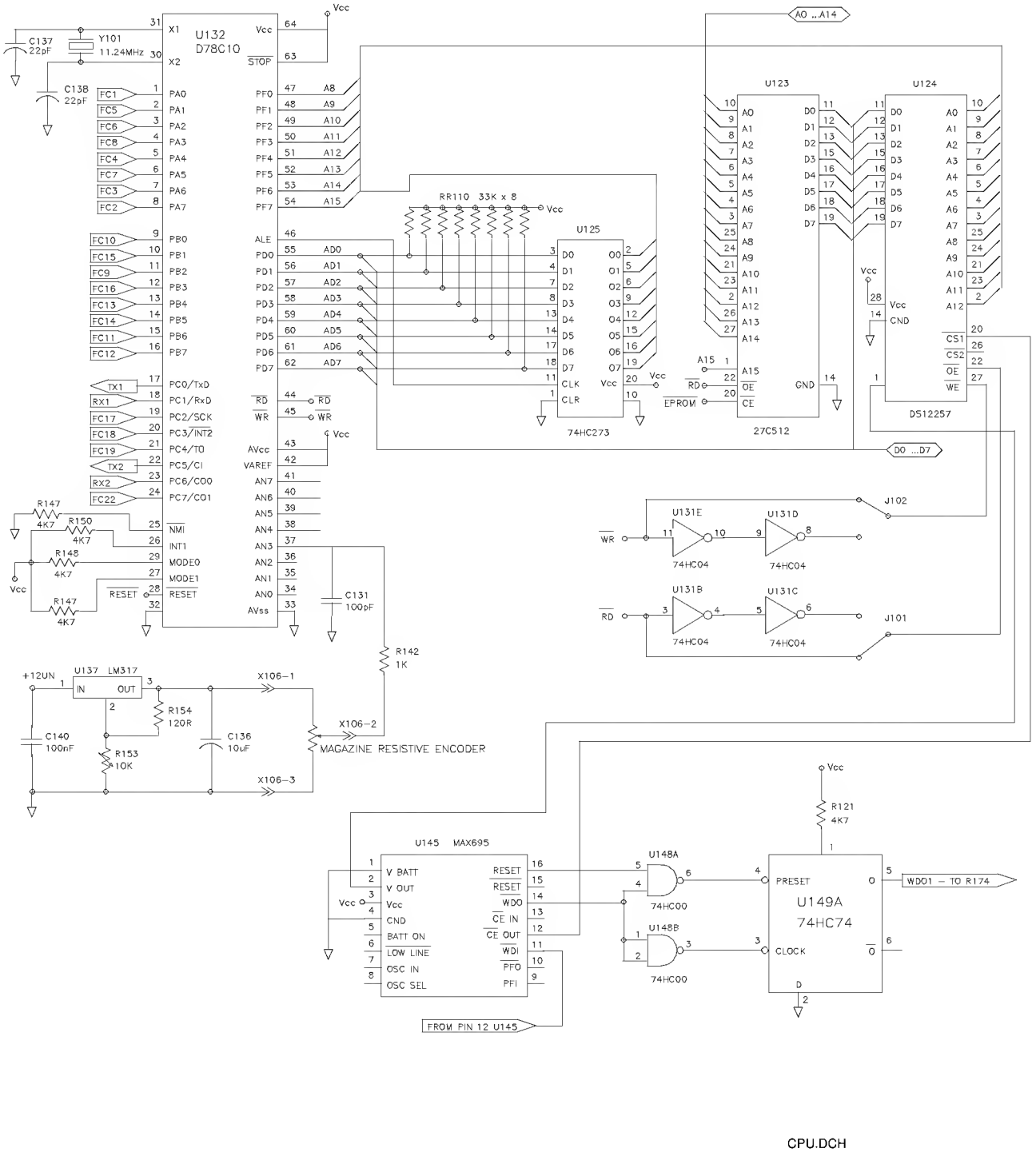


P_CELL2.DCH



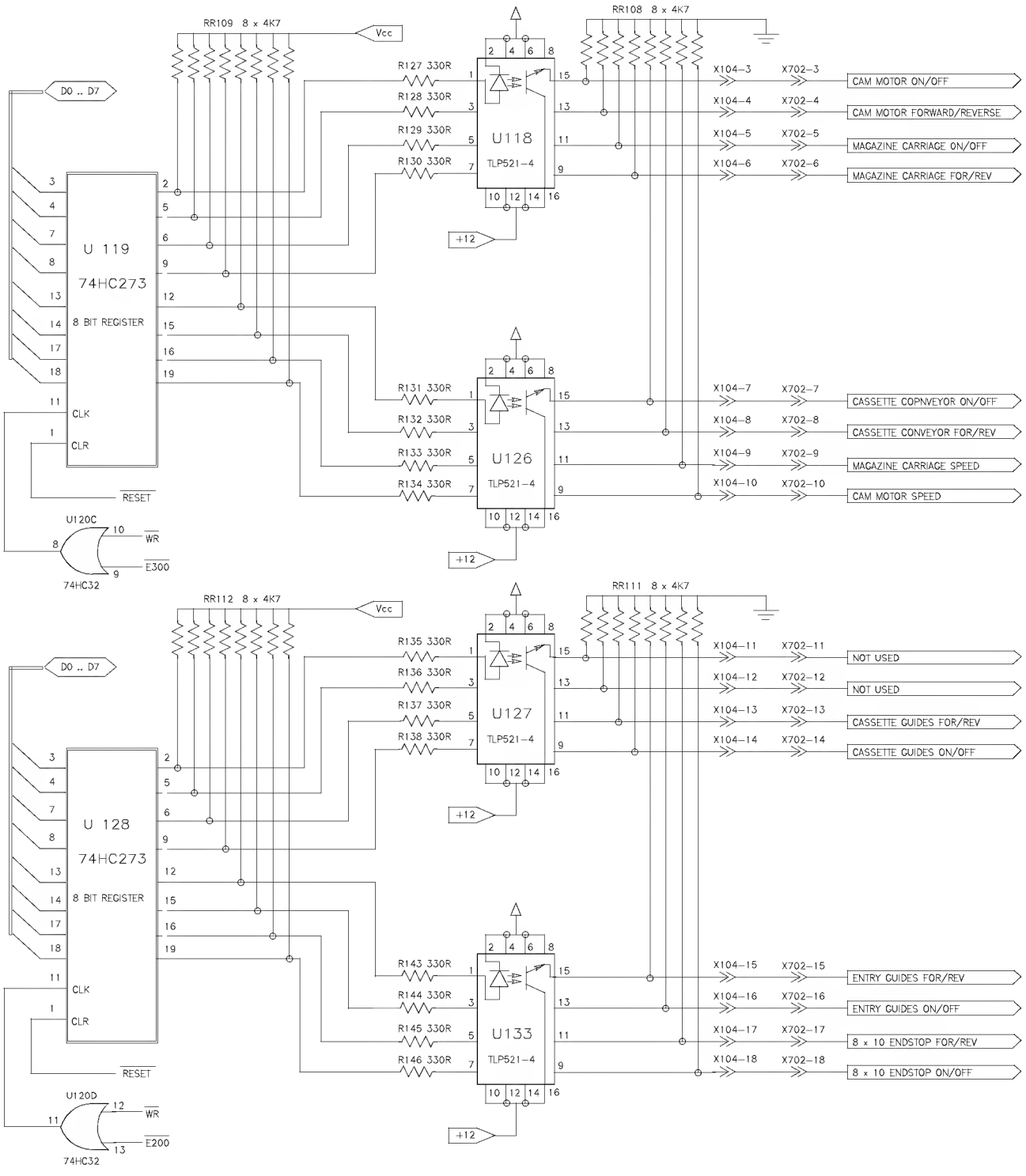
P_CELL3.DCH

CPU, EPROM, RAM AND WATCHDOG

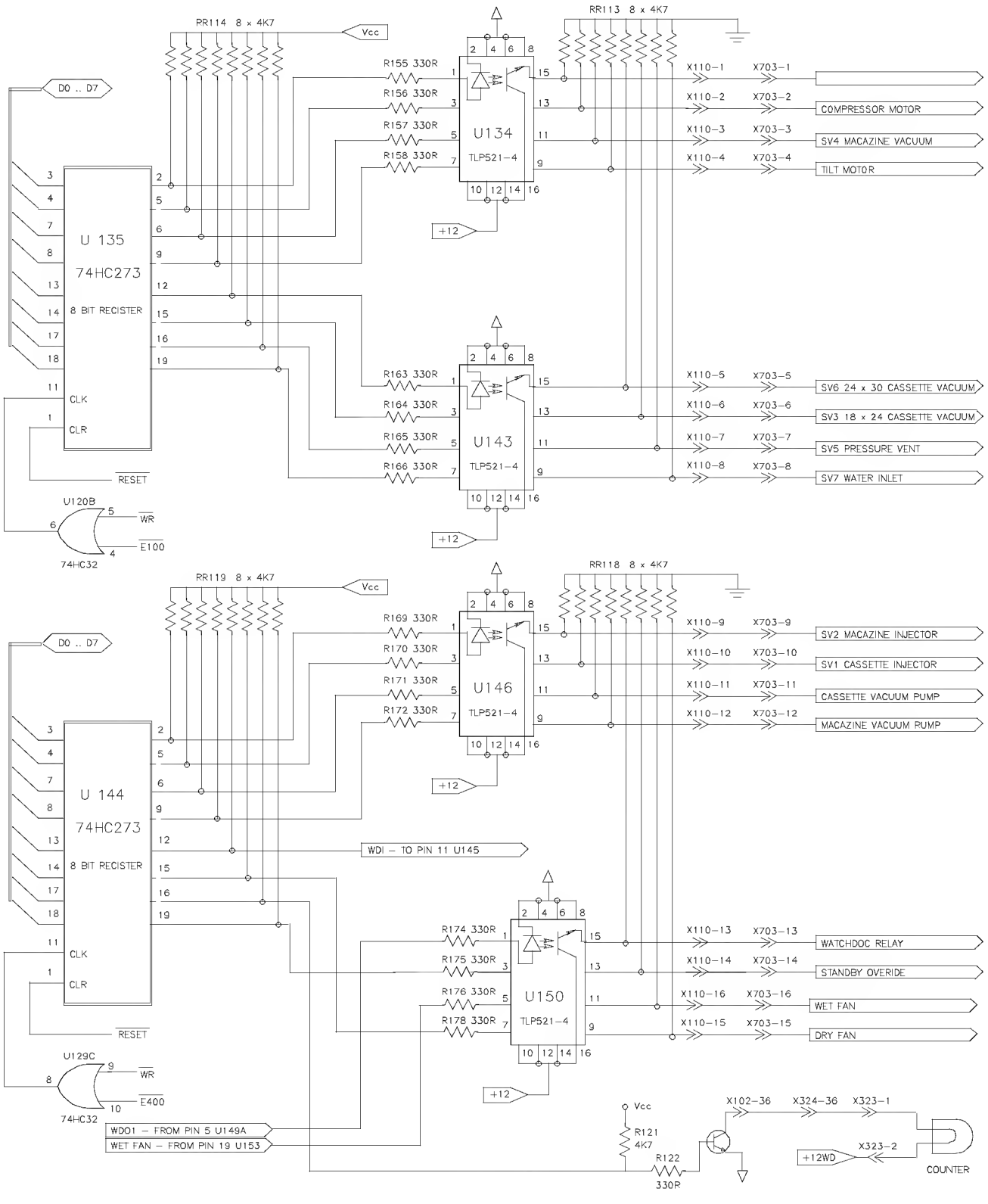


CPU.DCH

DRIVERS 1

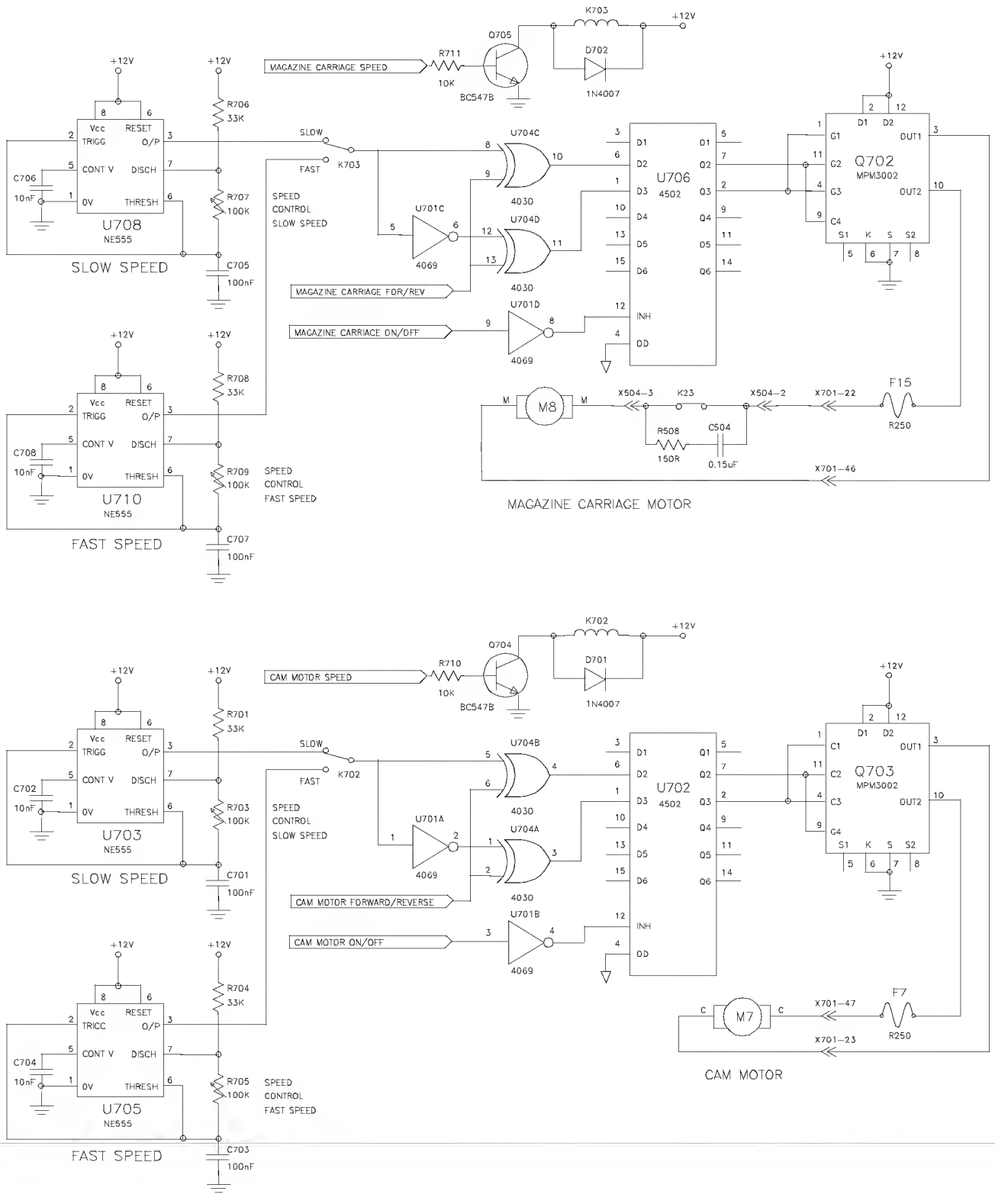

RR109 8 x 4K7
Vcc
D0 .. D7
U 119
74HC273
8 BIT REGISTER
CLK
CLR
RESET
U120C
74HC32
WR
E300
R127 330R
R128 330R
R129 330R
R130 330R
U118
TLP521-4
+12
RR108 8 x 4K7
X104-3
X702-3
CAM MOTOR ON/OFF
X104-4
X702-4
CAM MOTOR FORWARD/REVERSE
X104-5
X702-5
MAGAZINE CARRIAGE ON/OFF
X104-6
X702-6
MAGAZINE CARRIAGE FOR/REV
R131 330R
R132 330R
R133 330R
R134 330R
U126
TLP521-4
+12
X104-7
X702-7
CASSETTE COPNVEYOR ON/OFF
X104-8
X702-8
CASSETTE CONVEYOR FOR/REV
X104-9
X702-9
MAGAZINE CARRIAGE SPEED
X104-10
X702-10
CAM MOTOR SPEED
RR112 8 x 4K7
Vcc
D0 .. D7
U 128
74HC273
8 BIT REGISTER
CLK
CLR
RESET
U120D
74HC32
WR
E200
R135 330R
R136 330R
R137 330R
R138 330R
U127
TLP521-4
+12
RR111 8 x 4K7
X104-11
X702-11
NOT USED
X104-12
X702-12
NOT USED
X104-13
X702-13
CASSETTE GUIDES FOR/REV
X104-14
X702-14
CASSETTE GUIDES ON/OFF
R143 330R
R144 330R
R145 330R
R146 330R
U133
TLP521-4
+12
X104-15
X702-15
ENTRY GUIDES FOR/REV
X104-16
X702-16
ENTRY GUIDES ON/OFF
X104-17
X702-17
8 x 10 ENDSTOP FOR/REV
X104-18
X702-18
8 x 10 ENDSTOP ON/OFF
REL_DRV1.DCH

DRIVERS 2

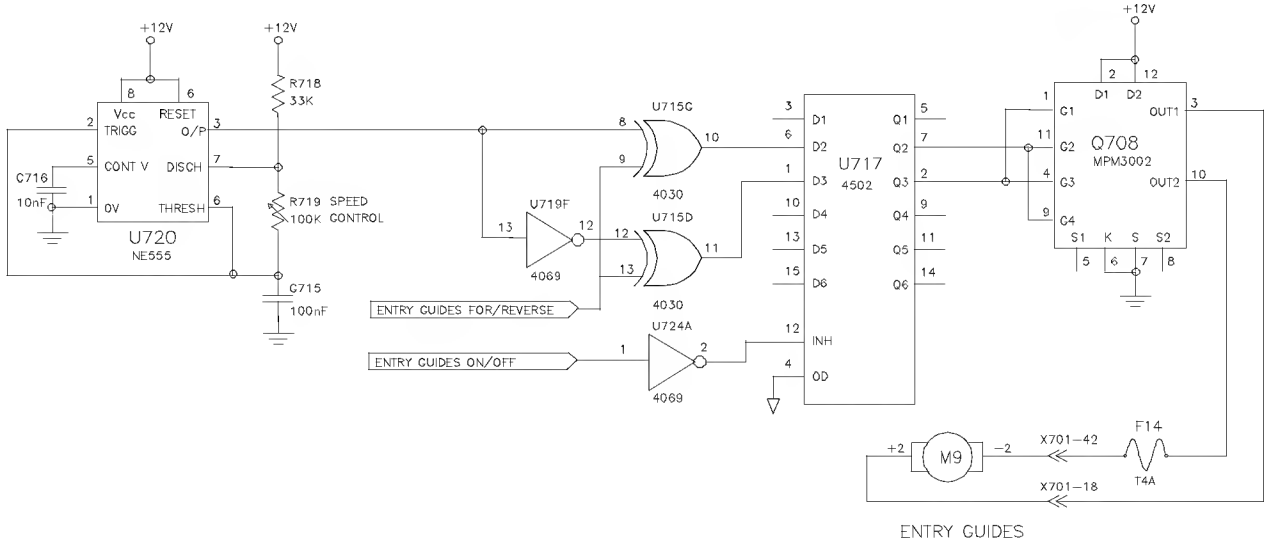


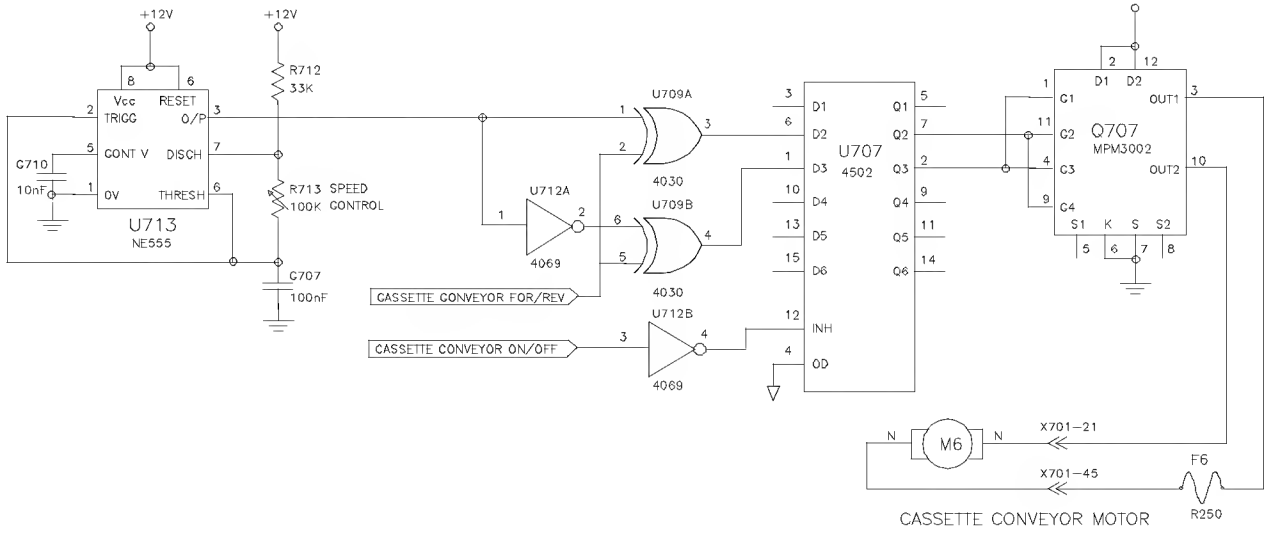
REL_DRV3.DCH

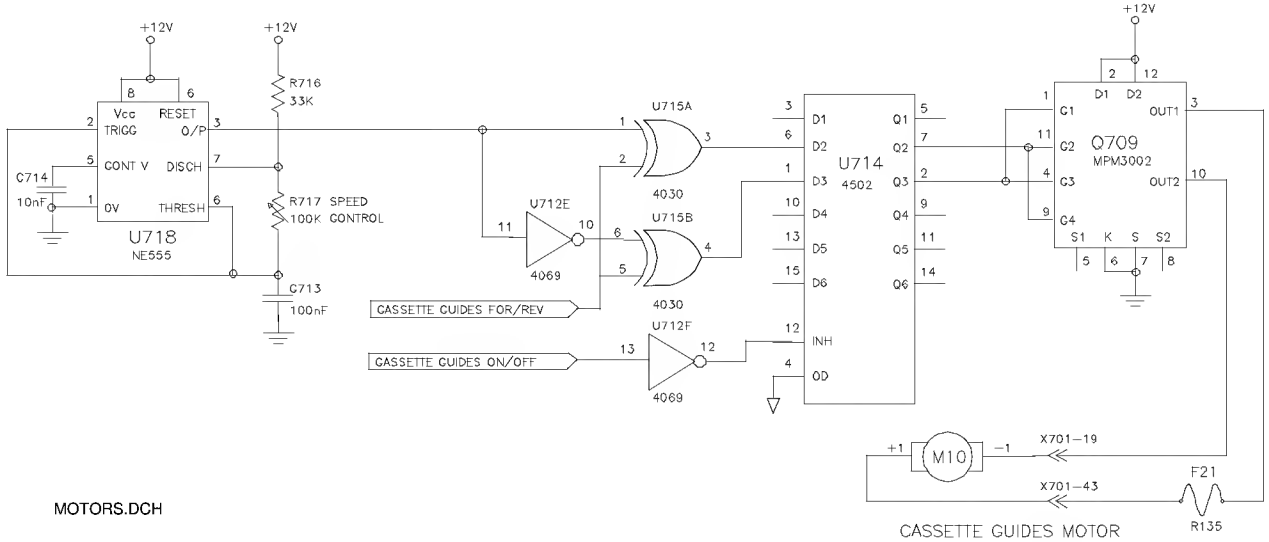
MAGAZINE CARRIAGE & CAM MOTORS



ENTRY GUIDES, CONVEYOR & CASSETTE GUIDE MOTORS

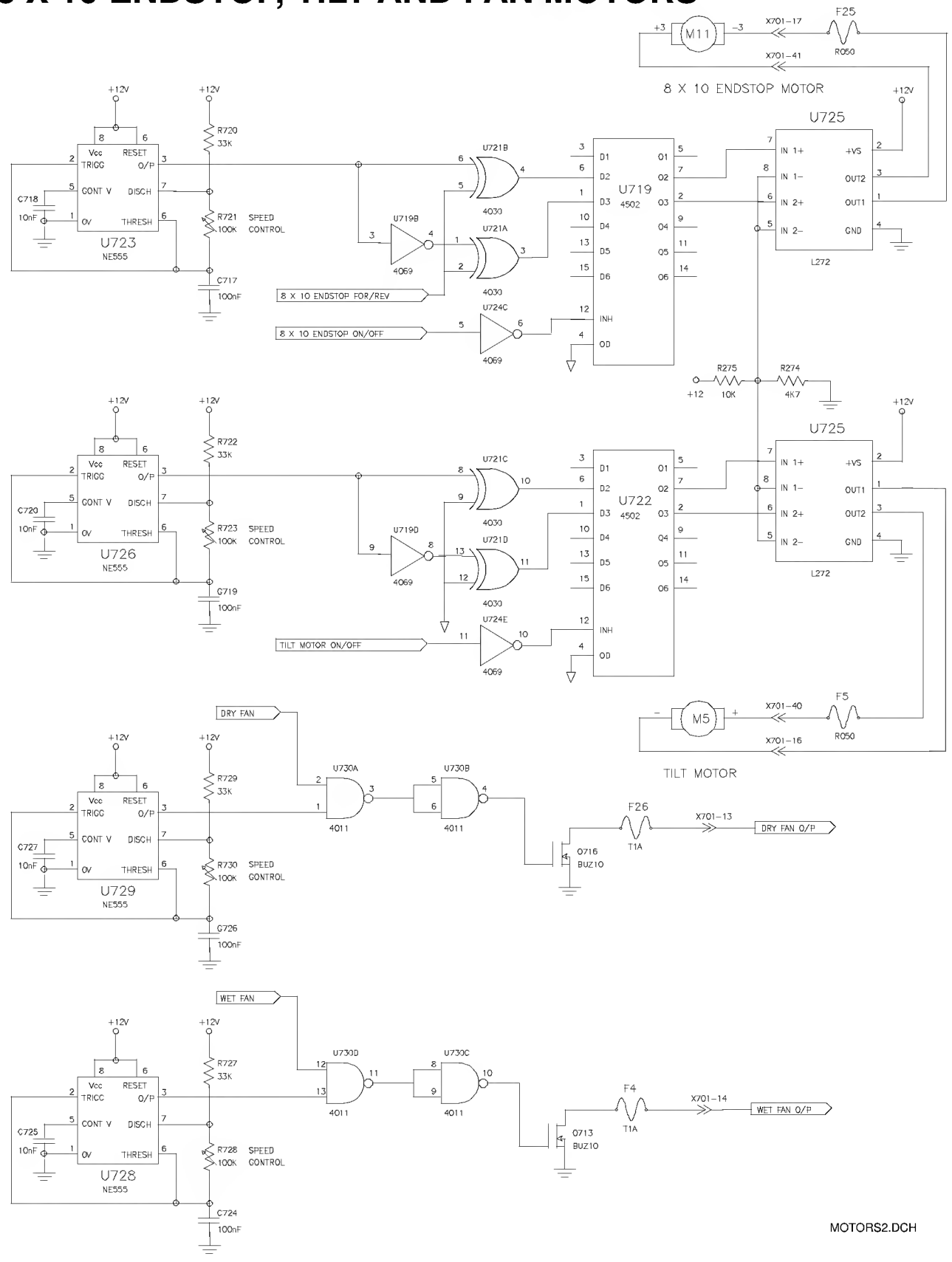




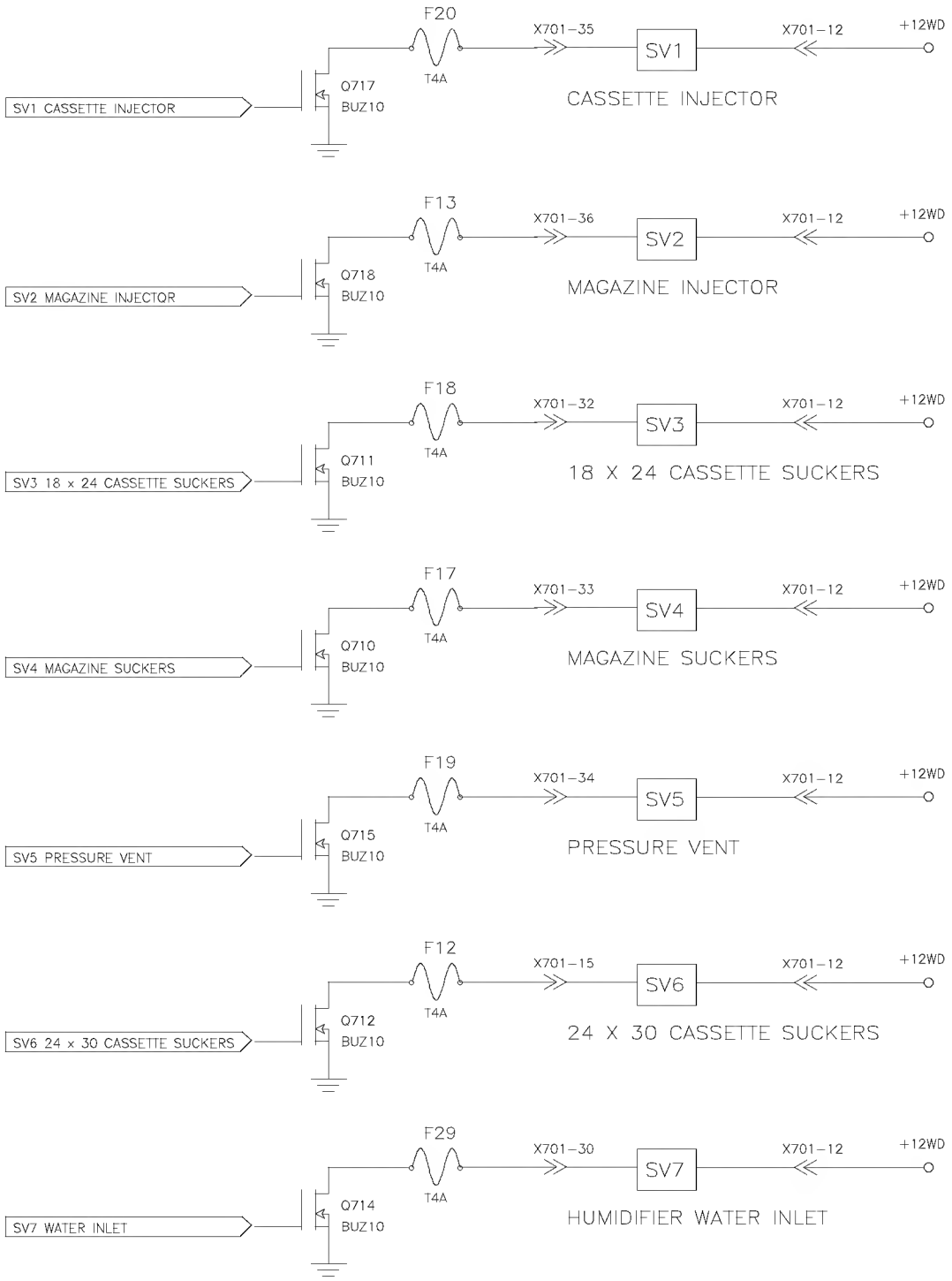


MOTORS.DCH

8 X 10 ENDSTOP, TILT AND FAN MOTORS

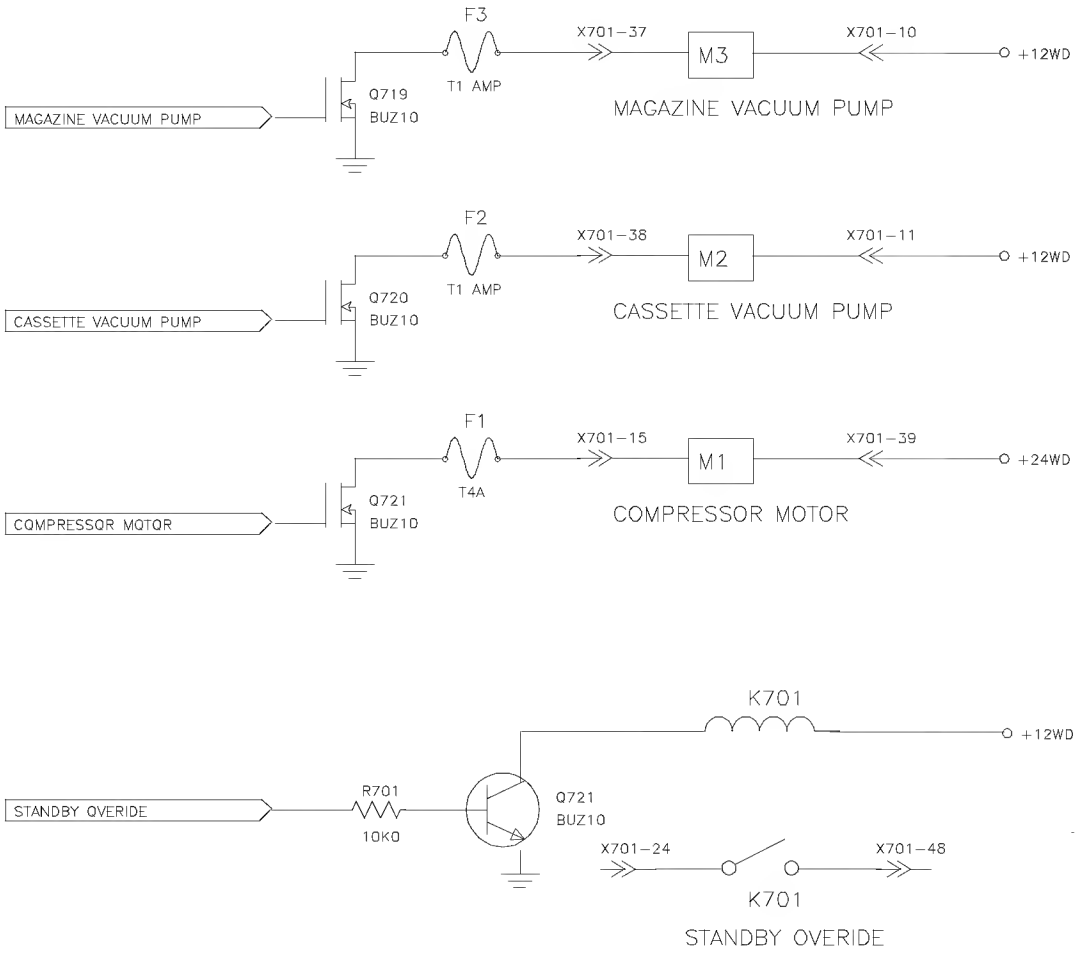


SOLENOID VALVES



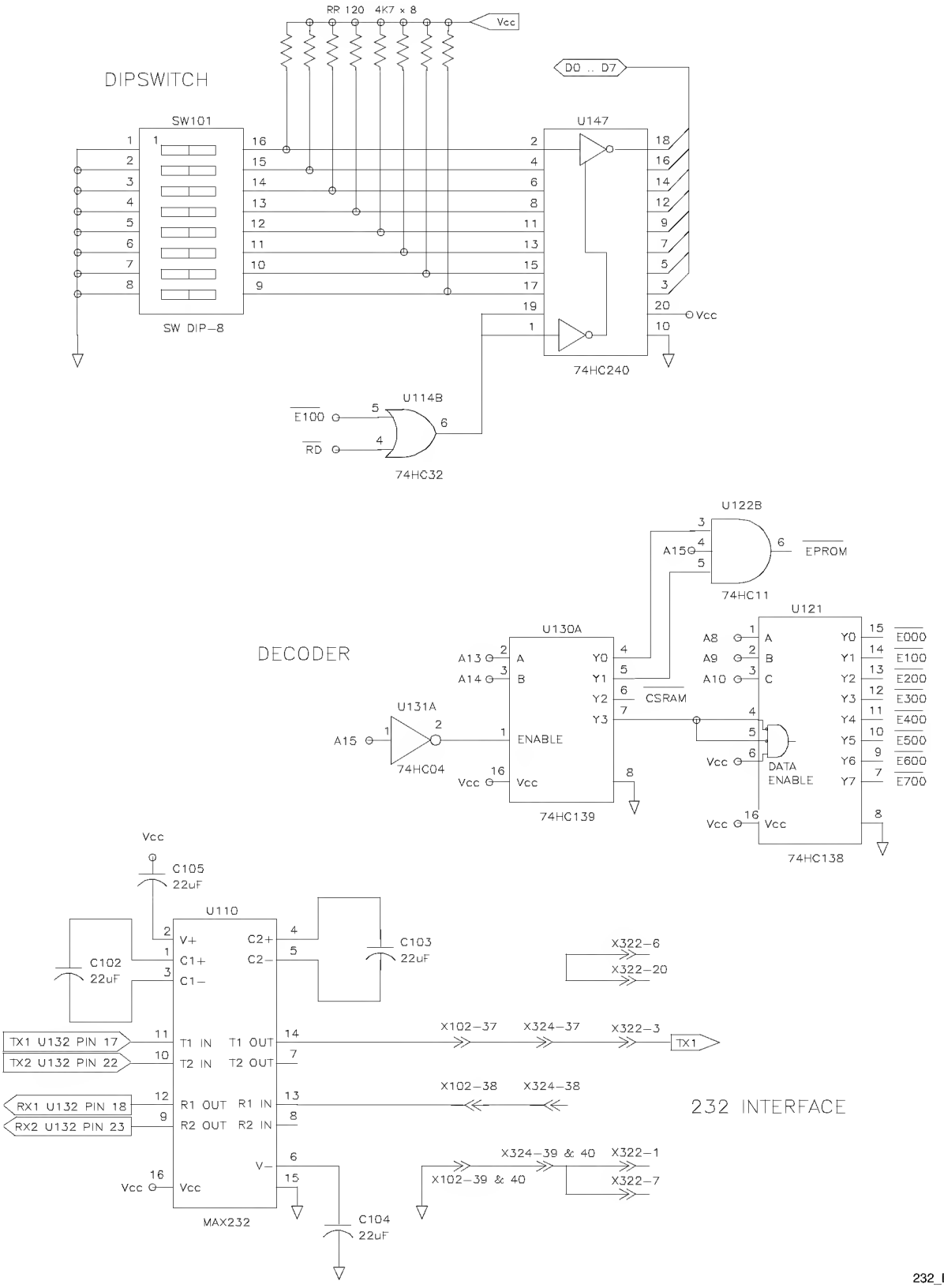
MOTORS3.DCH

PUMPS AND STANDBY OVERRIDE

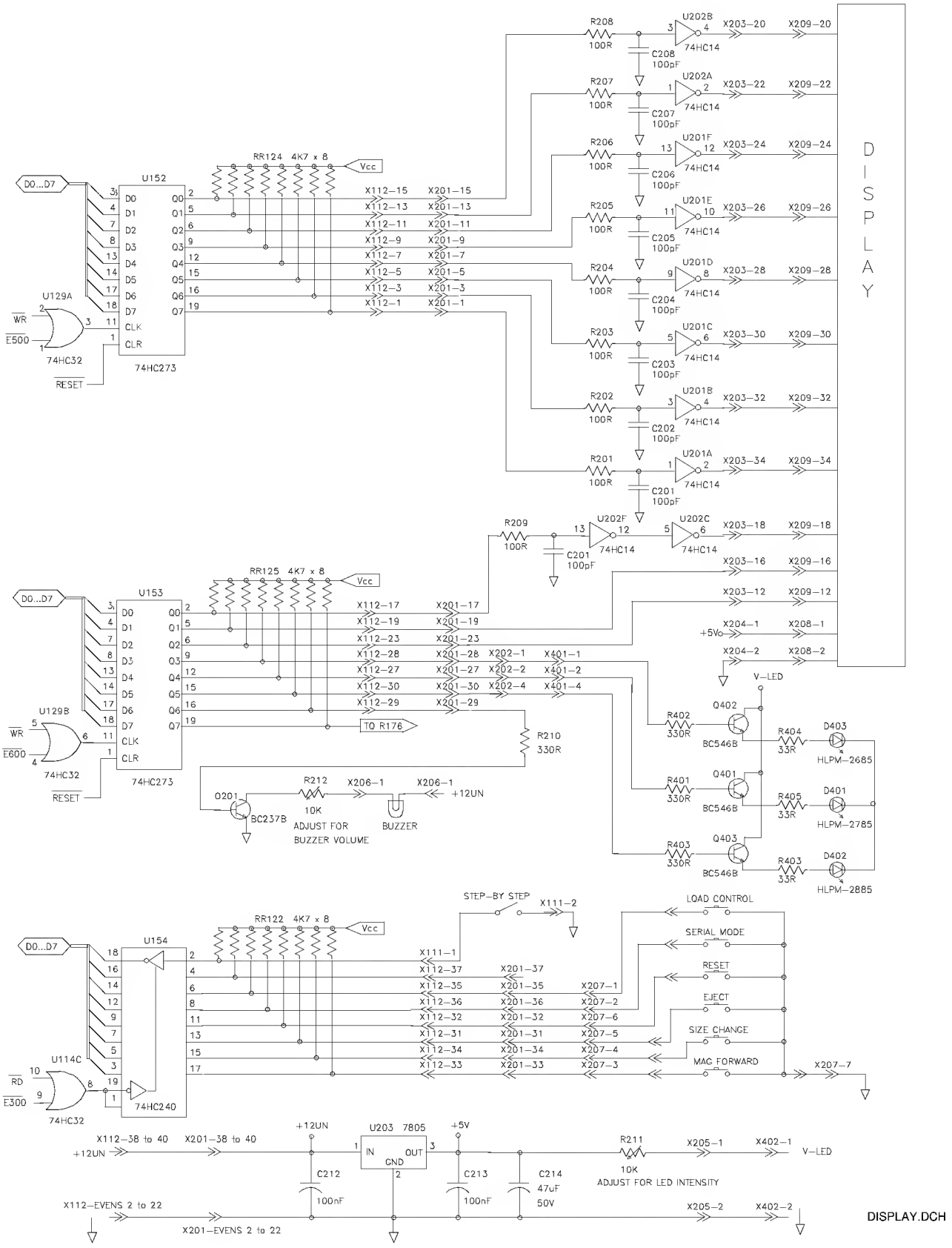


MOTORS4.DCH

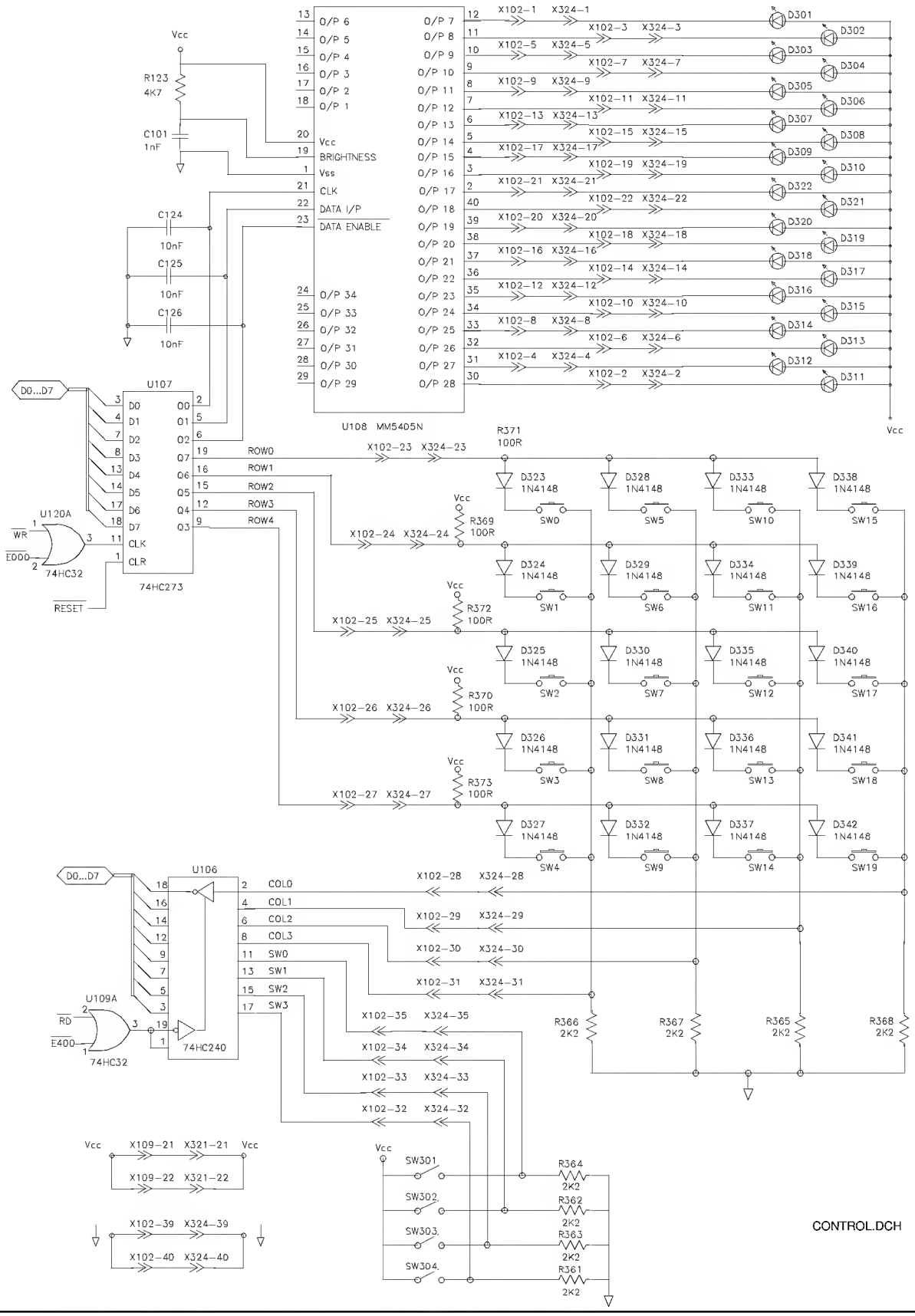
DIPSWITCH, DECODER AND 232 INTERFACE



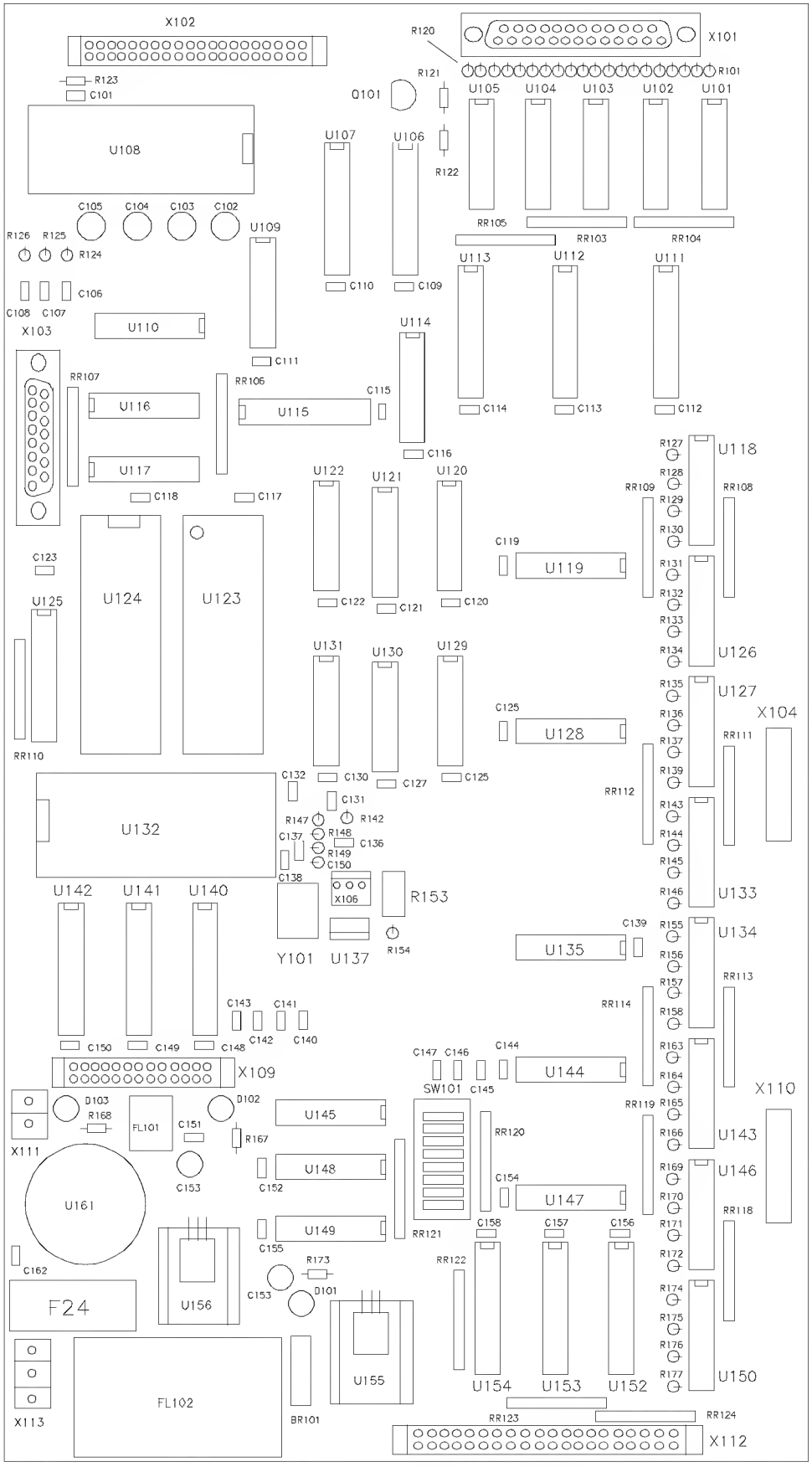
DISPLAY AND OPERATOR CONTROLS



KEYPAD AND LED'S



PCB 401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RR120
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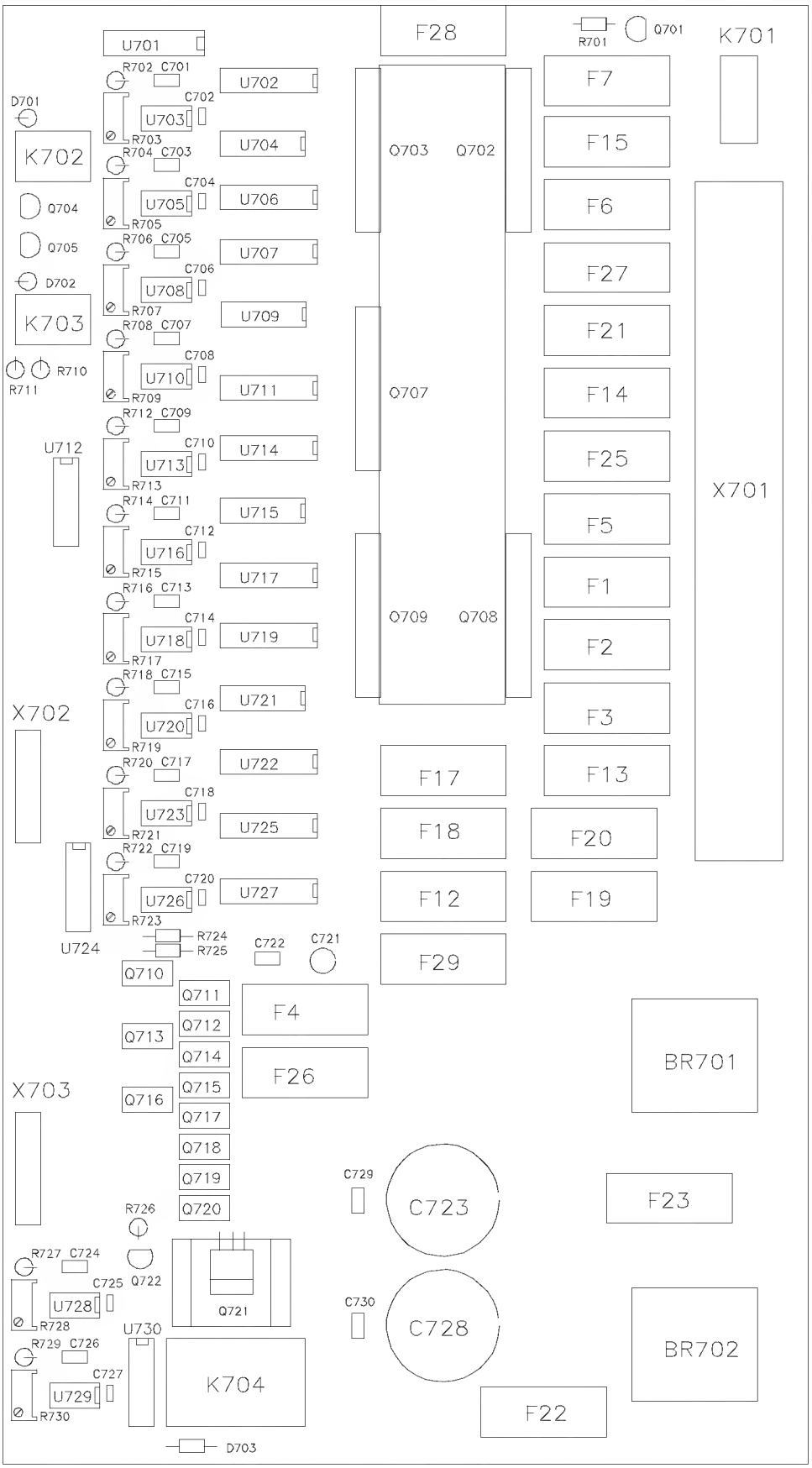
PCB 207


U701
R702 C701
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F6
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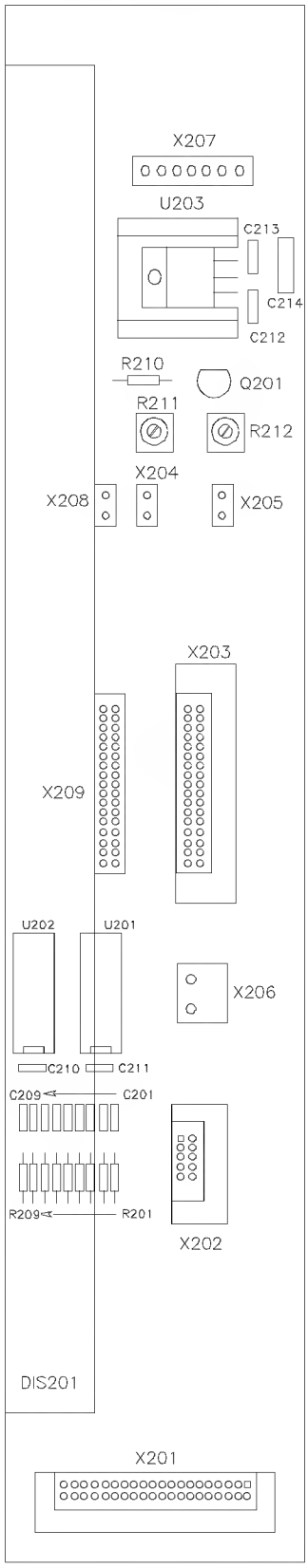
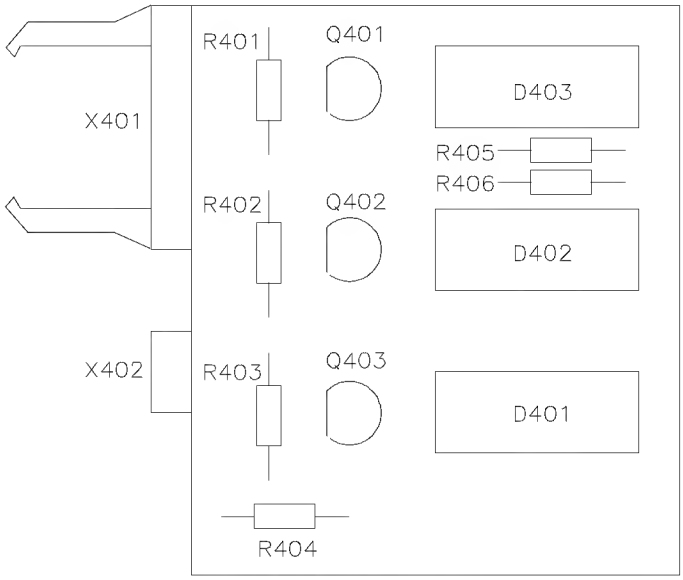
BR702

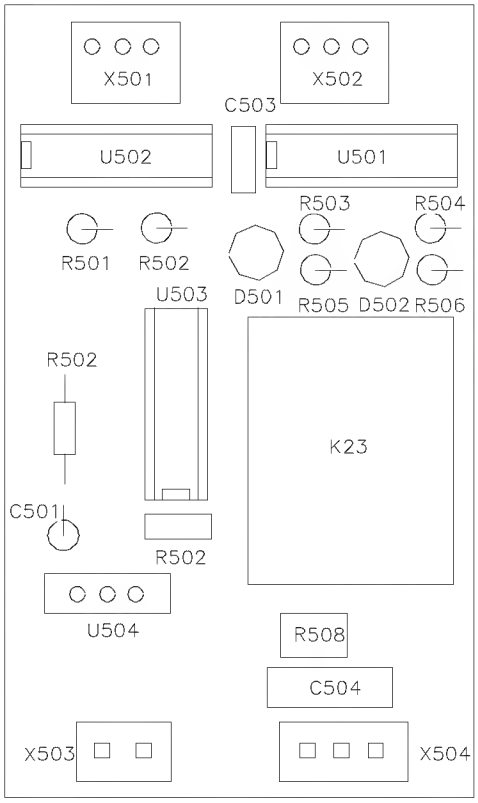
PCB 502



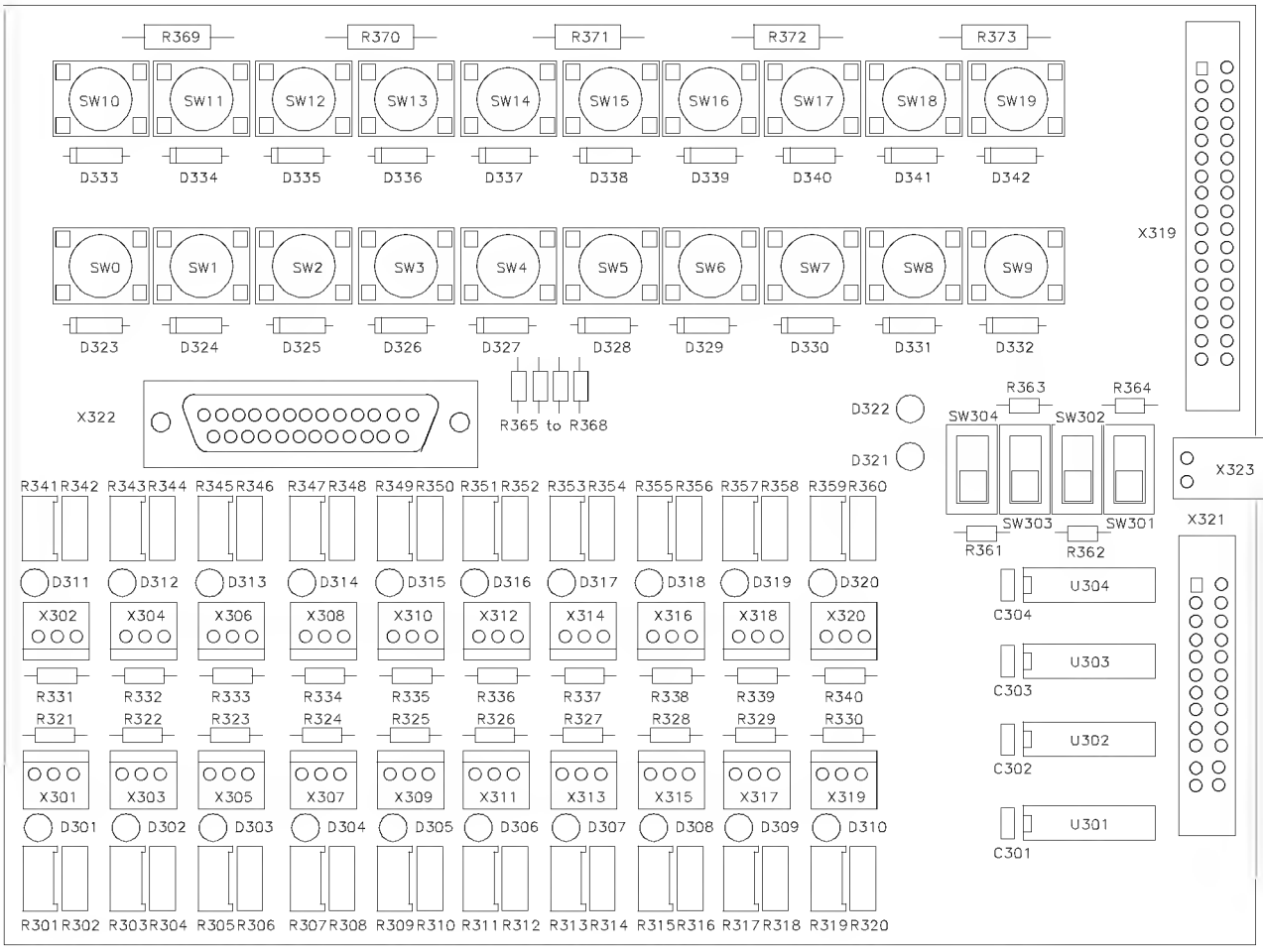
PCB 404



PCB 205



PCB 403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R371
R372
R373
SW10
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D339
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D342
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SW6
SW7
SW8
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X319
X322
R365 to R368
D322
D321
R363
R364
SW304
SW302
SW303
SW301
R361
R362
X323
X321
R341 R342 R343 R344 R345 R346 R347 R348 R349 R350 R351 R352 R353 R354 R355 R356 R357 R358 R359 R360
D311 D312 D313 D314 D315 D316 D317 D318 D319 D320
X302 X304 X306 X308 X310 X312 X314 X316 X318 X320
R331 R332 R333 R334 R335 R336 R337 R338 R339 R340
R321 R322 R323 R324 R325 R326 R327 R328 R329 R330
X301 X303 X305 X307 X309 X311 X313 X315 X317 X319
D301 D302 D303 D304 D305 D306 D307 D308 D309 D310
R301 R302 R303 R304 R305 R306 R307 R308 R309 R310 R311 R312 R313 R314 R315 R316 R317 R318 R319 R320
U304
C304
U303
C303
U302
C302
U301
C301

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Publication change Notice Table

Rev. Date	PCN No.	Pub.No.	Affected Pages	Description
March 95	1	300800xx	All	Complete updating of all pages

HEALTH SCIENCES DIVISION

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